Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 21 Apr 2023 until 23:59 on Saturday 22 Apr 2023

Forecast Issued on Thursday 20 Apr 2023 at 13:47

Confidence: High for main theme of transition to more unsettled conditions, low for rain and shower detail, especially showers to end the current week.

Headline for Friday 21 Apr 2023: Turning unsettled, rather cloudy and windy, with a band of rain perhaps edging northwards, followed by a risk of more sporadic heavy showers.

Mountain weather hazards on Friday 21 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Cloudy	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain	Light rain
Precipitation probability							
20%	40%	20%	70%	60%	60%	40%	30%

Forecast for Friday 21 Apr 2023

Weather: Extensive low cloud through the early hours, with spells of light rain giving way to a heavier and more prolonged period around mid-morning. This will be coupled with strong winds and poor visibility to present more hazardous conditions on the slopes than of late. This rain may edge northwards into the afternoon, with a more showery picture then developing, with some of these potentially heavy with a small chance of hail and thunder. Brightness will be limited, perhaps more likely in the west later. Perhaps becoming drier into the evening, but with further extensive cloud cloud.

Chance of cloud-free hill tops above 600m: Near nil, perhaps improving 20% by the end of the afternoon, more so in the southwest.

Low cloud and visibility: Generally moderate improving to good, but with deterioration in extensive low cloud above 400 metres during the morning, with cloud perhaps falling to near valley floors early and late.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 21 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/35 NE	21/29 NE	26/35 NE	28/39 NE	24/34 NE	24/34 E	20/29 E	16/23 NE	12/17 NE
300	20/31 NE	13/22 NE	19/28 NE	26/38 NE	22/33 NE	23/35 E	15/24 NE	10/17 NE	8/14 NE
Valley	15/34 NE	11/26 NE	14/32 NE	20/41 NE	18/35 E	19/36 E	14/29 E	9/21 E	8/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-3	4/-3	5/-1	5/-0	5/0	5/-0	4/-0	4/-0
300	5/0	6/2	6/1	7/2	8/3	8/4	7/4	7/4	6/4
Valley	6/2	6/3	7/3	8/4	9/5	9/6	8/5	7/4	7/4
Freezing Level*	1100m	1300m	1500m	1500m	1400m	1300m	1200m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Continued strong winds will be coupled with rain and more prolonged low cloud than of late to give a more significant risk of windchill and navigational difficulties.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 Apr 2023	0mm	0mm	0.2mm

Forecast for Saturday 22 Apr 2023

Weather: High uncertainty in details – keeping abreast of the latest forecast advised. Probably dry at first, but with extensive low cloud in lighter winds than of late and given intervening rainfall. Probably rather cloudy on the whole throughout, with rain nearby to the north and perhaps spreading in from the southwest later, with this perhaps on the heavy side should it occur. Probably remaining cloudy even in drier periods. Winds from the east most likely.

Maximum wind: Strengthening easterly 20mph

Chance of cloud-free hill tops above 600m: Near nil, then perhaps 60% later, but detail elusive.

Low cloud and visibility: Risk of more extensive low cloud to 500 metres, else areas of valley mist and fog in any more prolonged breaks. Moderate visibility improving good.

Temperature: **Valleys:** Plus 3 becoming plus 14 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above the peaks.

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